

## **PART 2**

### **INTRODUCTION**

# WASHINGTON STATE FERRIES

## M.V. ELWHA PROPULSION CONTROL SYSTEM REPLACEMENT CONTRACT NO. 00-7171

### INTRODUCTION

#### 1. SCOPE

Washington State Ferries, a division of the Washington State Department of Transportation (hereinafter called "WSF"), issues this Request For Proposals (RFP) for the following described project:

A procurement contract for one (1) replacement propulsion control system (PCS) for the Super Class ferry M.V. Elwha. The PCS upgrade shall include: all system design, including preparation of a Contract Bid Support Package to support the shipyards bidding on the separate shipyard installation contract, and other design and engineering work; manufacturing, fabrication and delivery; spare parts and special tools; commissioning, training and testing; project management; local, engineering support; and regulatory agency certifications for the new PCS. Certain existing PCS components and wiring will be re-used, per the RFP Technical Specifications.

The Delivery Date for the PCS shall be no later than December 29, 2006, as specified in the Request for Proposals (RFP) and subject to amendment during the RFP process.

The project work shall hereinafter be called the "Contract Work". A more detailed description of such Contract Work is provided in the RFP Volume II, Technical Specifications.

The M.V. Elwha shall hereinafter be called "Vessel" or "Ferry".

The Contractor must provide: (i) delivery of the PCS for installation on the Vessel; and (ii) on-site engineering support for shipyard installation, all within the time specified in the Contract.

The PCS will be installed on the Vessel by a Puget Sound, Washington shipyard under a separate contract. The shipyard will be selected pursuant to a competitive bid or proposal process for the PCS installation and other work to be performed on the M.V. Elwha. WSF estimates that the project advertisements that will include the PCS installation will be issued in September 2006.

The successful PCS Contractor must be prepared to fully support a challenging design, delivery and installation schedule.

## **2. DESCRIPTION OF VESSEL**

WSF operates the largest ferry fleet in the U.S., operating twenty-four (24) auto ferries and two (2) passenger-only ferries. These ferries serve twenty (20) terminals in Puget Sound, Washington and Sidney, B.C.

The Vessel under this Contract is the Super Class ferry, M.V. Elwha. The Vessel is a steel, double-ended ferry, with pilothouse-controlled diesel-electric propulsion system.

The passenger and vehicle capacities for the Vessel are specified below. The Vessel can transport a limited number of cargo trucks and large recreational vehicles which do not exceed the fixed overhead clearance in the center section of the auto deck. The Vessel is equipped to provide limited food and beverage service. There are no overnight passenger accommodations.

### **M.V. Elwha**

The Vessel was built in 1967, is 382'-2" long, and carries 160 autos and 2,500 passengers.

#### **M.V. Elwha Principal Characteristics**

Length	382'-2"
Beam	73'-2"
Draft	18'-9"
Auto Deck Clearance	15'-1"
Gross Tons	2,813
Net Tons	1,322
Service Speed	20 knots
Number of Diesel Engines	4
Propulsion:	Diesel Engine Mechanical Drive with Controllable Pitch Propellers.
Propulsion System Power:	6,000 HP

1     **3.     SCOPE OF SUPPLY**

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3         Please see the RFP Technical Specifications, Section 4, "Scope of Supply".  
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6     **4.     RFP PROCESS**

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8         WSF is utilizing a Request For Proposals (RFP) solicitation process for this project,  
9         as authorized by RCW 47.56.030. Under such a process, the selection of the most  
10        advantageous proposal will be based upon price and other evaluation factors specified  
11        in the RFP.  
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13        An outline of the RFP process is provided in the RFP Schedule document. A detailed  
14        description of the proposal evaluation process is provided in the RFP Proposal  
15        Evaluation document.  
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18     **5.     OBJECTIVES**

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20        WSF's objective is to purchase one (1) propulsion control system (PCS) of the highest  
21        quality, with all required features (and desirable features, if applicable), including but  
22        not limited to: high reliability and low maintenance. In furtherance of such objective,  
23        there are minimum design and/or performance requirements for the PCS, as detailed  
24        in this RFP. Proposals must address the Technical and Financial Proposal  
25        components specified in this RFP.  
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27        WSF may refuse to award the Contract to a proposer determined to have an  
28        unsatisfactory record of performance and/or integrity in the bidding or performance  
29        phase of any previous contract. In making such a determination, WSF shall be  
30        guided by the standards and criteria in Revised Code of Washington (RCW)  
31        47.60.680 et. seq. and Washington Administrative Code (WAC) Chapter 468-310, to  
32        the extent such standards and criteria are appropriate for this Contract.  
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34        Additionally, by submittal of a proposal hereunder, an applicant authorizes WSF to  
35        obtain any information pertinent to such proposal, including but not limited to: (i)  
36        information relating to the applicant's net worth, assets and liabilities, from banks or  
37        other financial institutions, surety companies and material and equipment suppliers;  
38        and (ii) information from any current or past customer of the proposer. Please note  
39        that in verifying the proposed PCS's reliability, WSF reserves the right to contact any  
40        known users of such PCS (or variations thereof), whether identified in a proposal or  
41        not. Prior to evaluation, WSF will notify the proposer of any such information so  
42        obtained. Such information will be afforded evaluation consideration to the same  
43        extent as comparable information provided in a proposal, consistent with the RFP  
44        evaluation criteria.  
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1 This RFP package includes documents which fully detail the RFP process and the  
2 requirements for each proposal. These RFP documents will require each proposer to,  
3 in part:  
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- 5 A. Provide proposal data regarding the operational cost; reliability;  
6 maintainability; performance levels; and management, organization, facilities  
7 and schedule, all as detailed in the RFP Technical Specifications;  
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- 9 B. Specify the price of the PCS, spare parts and special tools, and other items;  
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- 11 C. Submit a proposal deposit in the form of cash, certified check, cashier's check  
12 or surety bond in an amount equal to five (5%) percent of the Total Proposal  
13 Price for Award;  
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- 15 D. State its intent to sign and be bound by the Contract in the form and format  
16 provided in the RFP;  
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- 18 E. Submit Contract Security to protect WSF's exposure to performance and  
19 payment loss, if awarded the Contract; and  
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- 21 F. Submit evidence of General Liability and/or other insurance coverage in the  
22 amount specified in the Contract.  
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24 WSF will be solely responsible for the evaluation process and selection of the  
25 apparent successful proposer. To accomplish such tasks, WSF may utilize its project  
26 consultants, as deemed appropriate, on technical issues relating to the RFP and the  
27 proposals. Consequently, proposers must allow WSF consultants to access all  
28 proposal data or the proposal will be deemed non-responsive and will be rejected.  
29 Confidentiality of such data shall be as discussed in the RFP Proposal Instructions  
30 document.  
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32 Unless all proposals are rejected, WSF shall award the Contract to the responsive and  
33 responsible proposer who offers the most advantageous proposal to WSF, based on  
34 the requirements and evaluation factors specified in the RFP. In this regard, the Total  
35 Proposal Price is only part of the evaluation process, as more fully detailed in this  
36 RFP.  
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## 39 **6. VESSEL INSPECTIONS**

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41 The project Vessel is available for inspection by prospective proposers at their own  
42 expense. To schedule an inspection please contact Daryl Swiggs, WSF Preservation  
43 Project Engineer, at (206) 515-3668.  
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2 **7. MAGNETIC OR OPTICAL MEDIA**  
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4 Upon request, WSF will make available to prospective proposers magnetic and/or  
5 optical media copies (3-1/2" disks or CD-ROM) of the documents included in the  
6 original RFP, with the exception of Drawings. All disk and CD-ROM copies will be  
7 formatted using Microsoft Word 2003 software. Additionally, it is the intent of WSF  
8 to provide RFP documents on the following WSF web site:  
9 [www.wsdot.wa.gov/ferries/contracts](http://www.wsdot.wa.gov/ferries/contracts).

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11 The WSF-issued hard copy of the RFP (including all RFP Addenda) shall be the  
12 official and controlling document for the RFP process. The other media forms are  
13 provided for convenience only. As such, WSF makes no guarantee as to the validity  
14 of information provided on disk, CD-ROM or the Internet. A prospective proposer's  
15 use of information provided on these media shall be at its own risk without protest or  
16 any other recourse against WSF.  
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